

Role of Soil Moisture and Vegetation Feedback in Seasonal Prediction of Precipitation over the Mississippi River Basin

Figures

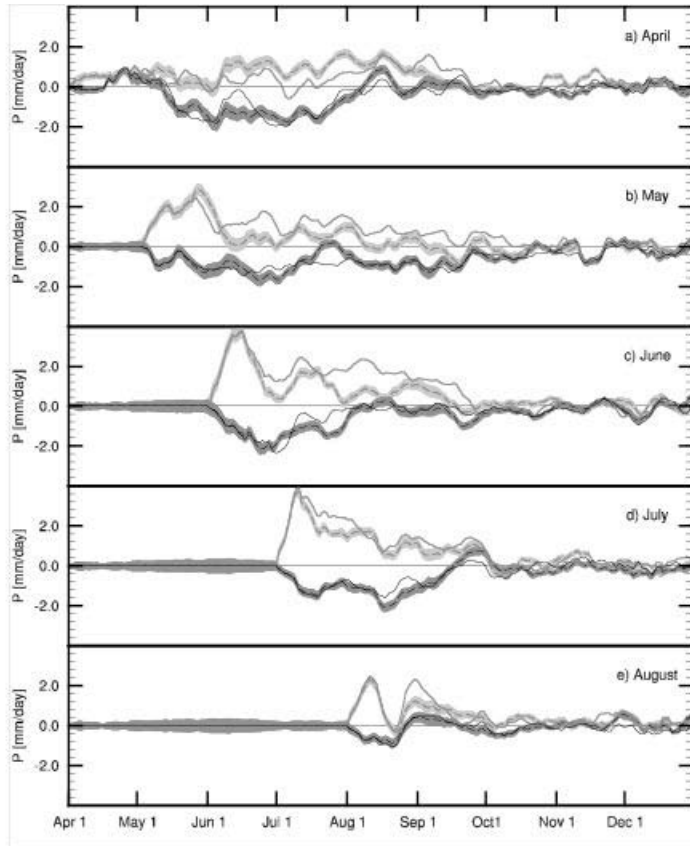


Figure 1: Precipitation anomalies averaged over the upper Mississippi River Basin due to initial soil moisture anomalies applied on the 1st of each month:

Dash lines – without vegetation feedback;

Shading – 95% confidence interval;

Solid lines – with vegetation feedback.

Dark color – dry soil moisture anomalies;

Light color – wet soil moisture anomalies.

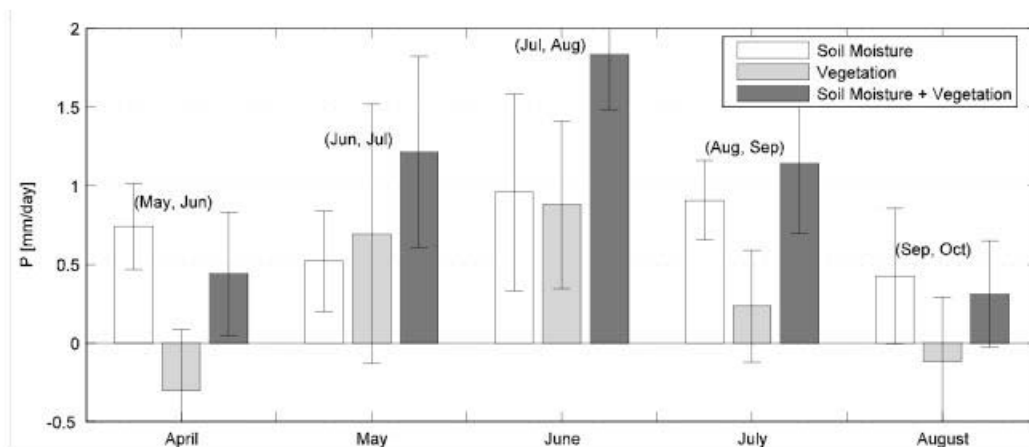


Figure 2: Contribution of soil moisture and vegetation feedback to precipitation anomalies averaged over the upper Mississippi River Basin, induced by a wet soil moisture anomalies applied on the 1st day of each month (x-axis), averaged in the 2nd and 3rd months following the timing of the initial soil moisture anomalies.